

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E11452

Employer : WA State Dept. of
Transportation

Worksite : Edna L Goodrich Building

Street : 7345 Linderson Way Sw

Jurisdiction : City of Tumwater

Survey Type : Online

Survey Date : 5/29/2017

Response Rate : 69%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 71.8%
One-Way VMT per employee : 10.9

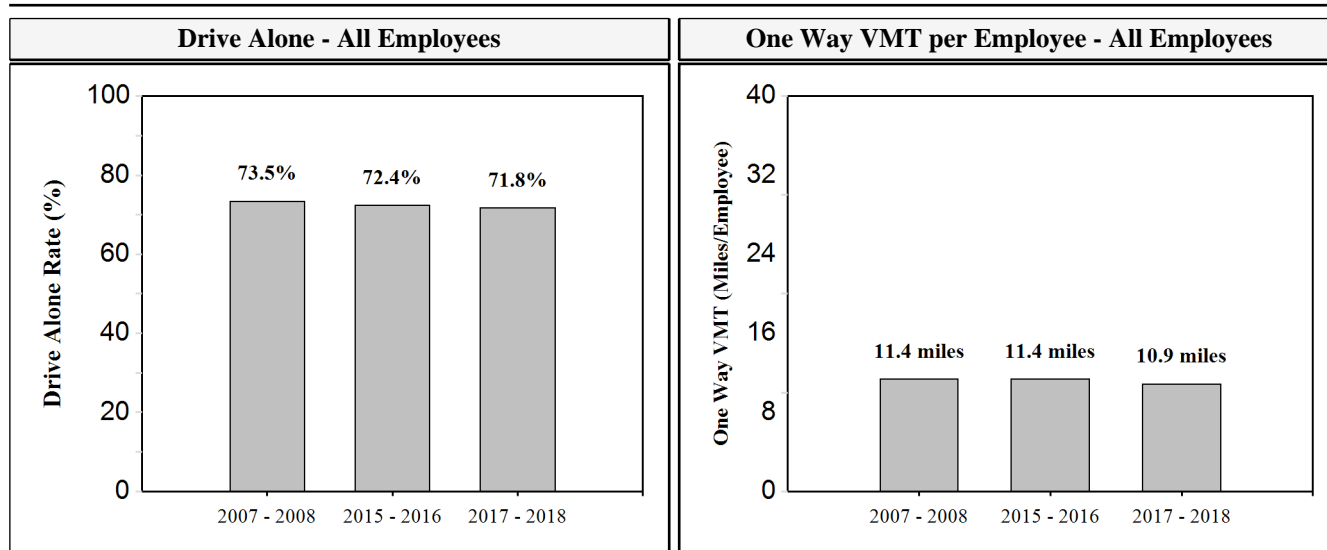
Reported Total Employees at Worksite: 391

Surveys Distributed : 391

Surveys Returned : 270

Surveys Returned by CTR Affected Employees : 261

Total Estimated CTR - Affected Employees at Worksite : 378



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	73.5%	73.1%	11.4	11.5
2009 - 2010	71.8%	71.4%	11.3	11.1
2011 - 2012	72.5%	72.8%	11.3	11.3
2013 - 2014	76.6%	76.8%	12.2	11.9
2015 - 2016	72.4%	71.7%	11.4	11.3
2017 - 2018	71.8%	70.9%	10.9	10.8
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-2.3%	-3.0%	-4.4%	-6.1%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2015 - 2016	2017 - 2018	2017 - 2018 Without Fill In
Drive Alone - All Employees*	73.5%	72.4%	71.8%	71.4%
Drive Alone - CTR Affected Employees*	73.1%	71.7%	70.9%	70.4%
VMT/Employee - All Employees	11.4	11.4	10.9	10.8
VMT/Employees - CTR Affected Employees	11.5	11.3	10.8	10.7

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO2e) for Roundtrip Commute*

Value	2007 - 2008	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	753	639	597
Estimated Emissions for Total Employment	1,078	856	865

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	35,914	5,758	24,619
Bus Annual Passenger Miles - Surveyed Employees	25,100	4,300	17,000
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	0
Ferry Annual Passenger Miles - Surveyed Employees	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO2e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO2e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO2e emissions per passenger mile for train/light rail/streetcar.

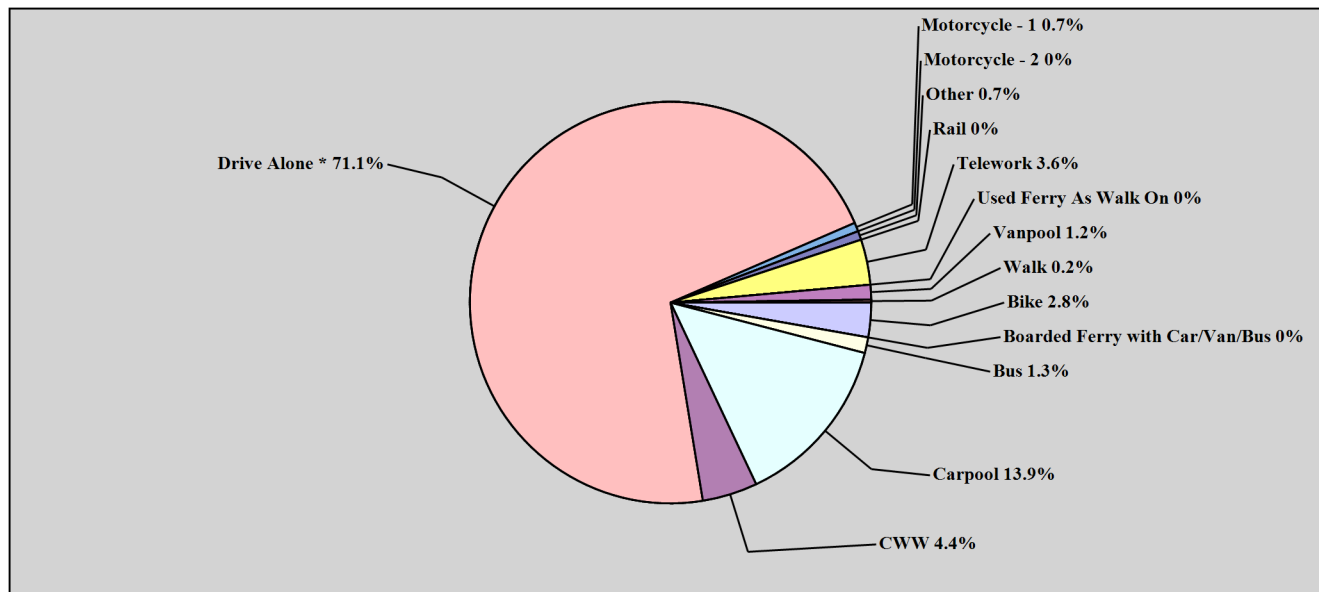
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 13.7 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



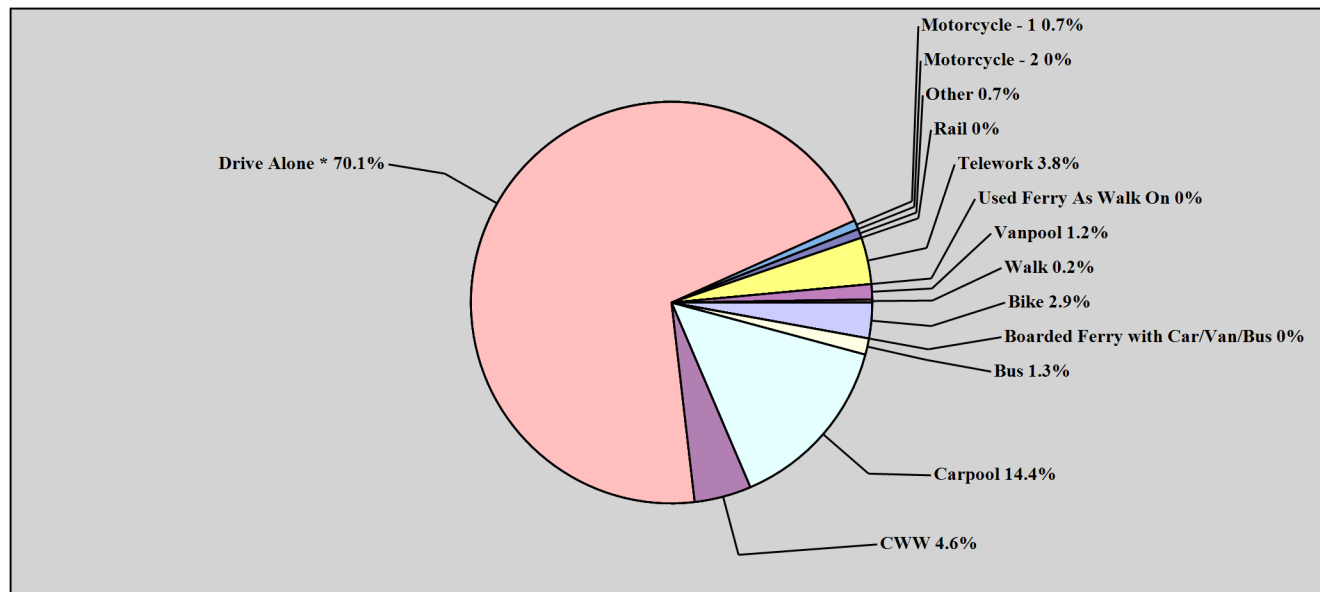
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	897	71.1%	71.6%	216	80.0%	81.4%
Carpool	176	13.9%	13.4%	49	18.1%	16.3%
Vanpool	15	1.2%	0.8%	5	1.9%	1.0%
Motorcycle - 1	9	0.7%	0.8%	5	1.9%	1.4%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	16	1.3%	0.3%	6	2.2%	1.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	35	2.8%	4.5%	11	4.1%	6.4%
Walk	3	0.2%	0.8%	2	0.7%	1.4%
Telework	46	3.6%	1.9%	34	12.6%	7.5%
CWW	56	4.4%	5.2%	56	20.7%	21.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	9	0.7%	0.6%	3	1.1%	1.7%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	857	70.1%	70.8%	207	79.3%	80.9%
Carpool	176	14.4%	13.9%	49	18.8%	17.0%
Vanpool	15	1.2%	0.9%	5	1.9%	1.1%
Motorcycle - 1	9	0.7%	0.9%	5	1.9%	1.4%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	16	1.3%	0.2%	6	2.3%	0.7%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	35	2.9%	4.7%	11	4.2%	6.7%
Walk	3	0.2%	0.9%	2	0.8%	1.4%
Telework	46	3.8%	2.0%	34	13.0%	7.8%
CWW	56	4.6%	5.4%	56	21.5%	22.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	9	0.7%	0.4%	3	1.1%	1.1%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	145	54%	270	100%
1 Days	46	17%	125	46%
2 Days	14	5%	79	29%
3 Days	13	5%	65	24%
4 Days	20	7%	52	19%
5 Days	30	11%	32	12%
6 or More Days	2	1%	2	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	72	62.1%	19	16.4%	0	0%	15	12.9%	0	0%	1	0.9%	2	1.7%	0	0%	20	17.2%
4 days a week (4/10s)	1	1.2%	50	61%	4	4.9%	12	14.6%	0	0%	3	3.7%	5	6.1%	2	2.4%	28	34.1%
3 days a week	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	17	25%	30	44.1%	0	0%	9	13.2%	0	0%	0	0%	1	1.5%	0	0%	17	25%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	2	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

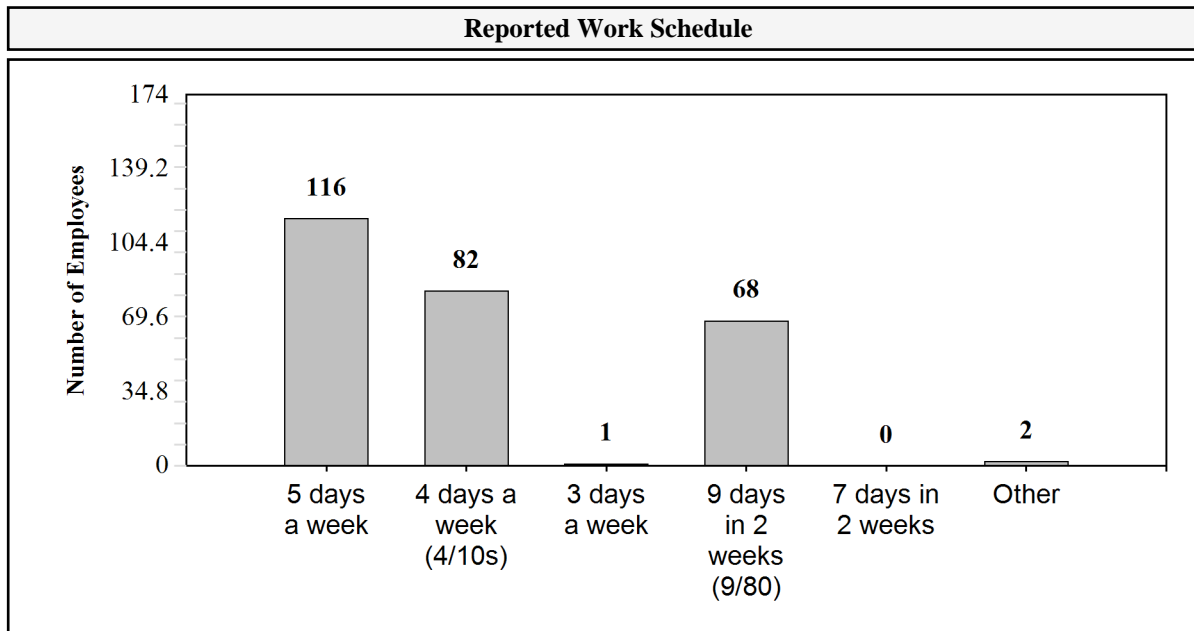
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	9
2	Motorcycle	0
2	Carpool	152
3	Carpool	24
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	6
5	Vanpool	9
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

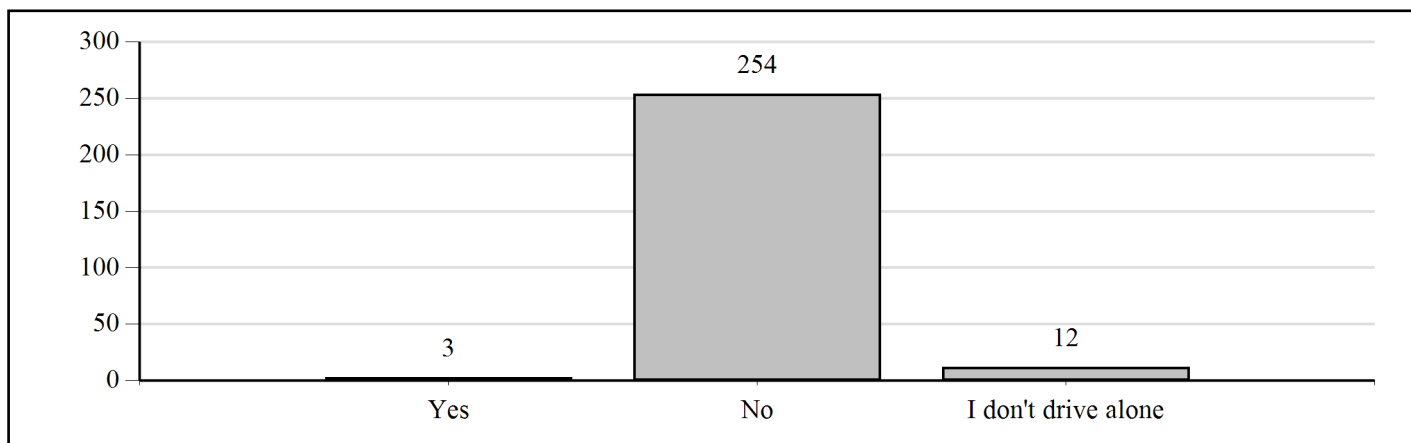
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	116	43.1%
4 days a week (4/10s)	82	30.5%
3 days a week	1	0.4%
9 days in 2 weeks (9/80)	68	25.3%
7 days in 2 weeks	0	0%
Other	2	0.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.4%
I don't telework	182	67.4%
Occasionally, on an as-needed basis	44	16.3%
1-2 days/month	17	6.3%
1 day/week	21	7.8%
2 days/week	4	1.5%
3 days/week	1	0.4%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	94	18.1%
Financial incentives for carpooling, bicycling or walking.	85	16.4%
Personal health or well-being	59	11.4%
I have the option of teleworking	56	10.8%
Other	47	9.1%
Environmental and community benefits	42	8.1%
Cost of parking or lack of parking	32	6.2%
Free or subsidized bus, train, vanpool pass or fare benefit	26	5.0%
Emergency ride home is provided	24	4.6%
Preferred/reserved carpool/vanpool parking is provided	21	4.0%
Driving myself is not an option	20	3.9%
I receive a financial incentive for giving up my parking space	8	1.5%
To save time using the HOV lane	5	1.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	170	26.7%
Riding the bus or train is inconvenient or takes too long	142	22.3%
Family care or similar obligations	111	17.4%
Other	71	11.1%
My commute distance is too short	67	10.5%
Bicycling or walking isn't safe	58	9.1%
My job requires me to use my car for work	11	1.7%
I need more information on alternative modes	7	1.1%
There isn't any secure or covered bicycle parking	0	0.0%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	7	1	0	0	0	0	2	1
2	0	0	11	2	0	0	1	0	0	1
3	0	0	1	0	0	0	0	0	0	0
4	0	0	1	0	0	0	1	0	0	0
5	0	0	0	0	0	0	0	0	0	2
6	0	0	2	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	1	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	2	0	22	4	0	0	2	0	2	5
Total One-Way Transit Trips Per Week	17	0	48	11	0	0	6	0	2	21

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	7	1	0	0	0	0	2	1
2	0	0	10	2	0	0	1	0	0	1
3	0	0	1	0	0	0	0	0	0	0
4	0	0	1	0	0	0	1	0	0	0
5	0	0	0	0	0	0	0	0	0	2
6	0	0	2	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	1	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	2	0	21	4	0	0	2	0	2	5
Total One-Way Transit Trips Per Week	17	0	46	11	0	0	6	0	2	21

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.37%	5	0	0	0	0	0	0	0	0	0	0	0	0
98001	1	0.37%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.37%	5	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.37%	0	0	4	0	0	0	0	0	0	1	0	0	0
98058	1	0.37%	0	0	4	0	0	0	0	0	2	0	0	0	0
98074	1	0.37%	0	0	0	0	4	0	0	0	0	0	0	0	0
98103	1	0.37%	4	0	0	0	0	0	0	0	1	0	0	0	0
98122	1	0.37%	0	0	0	0	0	0	3	0	0	0	0	0	1
98208	1	0.37%	4	0	0	0	0	0	0	0	0	0	0	0	0
98321	1	0.37%	1	0	3	0	0	0	0	0	0	1	0	0	0
98327	4	1.48%	17	0	0	0	0	0	0	0	0	0	0	0	0
98328	1	0.37%	2	0	0	0	0	0	0	0	0	0	0	0	0
98335	1	0.37%	4	0	0	0	0	0	0	0	1	0	0	0	0
98366	1	0.37%	1	0	0	0	0	0	0	0	3	1	0	0	0
98387	2	0.74%	7	0	0	0	0	0	0	0	2	0	0	0	0
98406	2	0.74%	9	0	0	0	0	0	0	0	0	1	0	0	0
98444	1	0.37%	3	0	0	0	0	0	0	0	0	1	0	0	0
98465	1	0.37%	1	0	3	0	0	0	0	0	0	1	0	0	0
98466	1	0.37%	3	0	0	0	0	0	0	0	2	0	0	0	0
98498	2	0.74%	0	8	0	0	0	0	0	0	0	1	0	0	0
98499	1	0.37%	4	0	0	0	0	0	0	0	2	0	0	0	0
98501	56	20.74%	187	35	0	2	0	0	8	3	6	8	0	0	4
98502	28	10.37%	99	9	0	1	0	0	5	0	10	5	0	0	4
98503	20	7.41%	52	27	0	0	0	0	4	0	1	3	0	0	0
98506	14	5.19%	40	7	0	0	5	0	4	0	0	5	0	0	0
98509	1	0.37%	4	0	0	0	0	0	0	0	0	0	0	0	0



98512	44	16.30%	149	28	0	0	4	0	11	0	4	11	0	0	0
98513	15	5.56%	46	11	0	0	3	0	0	0	3	4	0	0	0
98516	10	3.70%	38	5	0	0	0	0	0	0	3	3	0	0	0
98520	1	0.37%	4	0	0	0	0	0	0	0	0	0	0	0	0
98530	1	0.37%	4	0	0	0	0	0	0	0	0	0	0	0	0
98531	5	1.85%	12	4	0	4	0	0	0	0	1	3	0	0	0
98532	5	1.85%	18	4	0	0	0	0	0	0	0	2	0	0	0
98541	1	0.37%	0	4	0	0	0	0	0	0	0	1	0	0	0
98557	3	1.11%	5	10	0	0	0	0	0	0	0	0	0	0	0
98579	10	3.70%	34	12	0	0	0	0	0	0	1	1	0	0	0
98584	10	3.70%	30	8	1	0	0	0	0	0	4	2	0	0	0
98589	4	1.48%	20	0	0	0	0	0	0	0	0	0	0	0	0
98597	7	2.59%	29	0	0	2	0	0	0	0	0	1	0	0	0
98642	1	0.37%	7	0	0	0	0	0	0	0	0	0	0	0	0
98903	1	0.37%	4	0	0	0	0	0	0	0	0	0	0	0	0
98908	1	0.37%	3	0	0	0	0	0	0	0	0	0	0	0	0
99004	1	0.37%	4	0	0	0	0	0	0	0	0	0	0	0	0
99022	1	0.37%	5	0	0	0	0	0	0	0	0	0	0	0	0
99212	1	0.37%	5	0	0	0	0	0	0	0	0	0	0	0	0
99217	1	0.37%	0	4	0	0	0	0	0	0	0	0	0	0	0
99352	1	0.37%	5	0	0	0	0	0	0	0	0	0	0	0	0